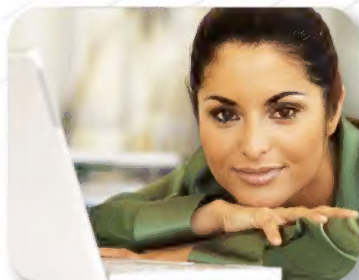# internal & external
DVD-RAM burners

One Drive. All Formats.

Getting confused with the various CD/DVD formats out there? With the latest burner from Imation, you can cast your concerns aside. The Imation drive supports all popular formats in the industry: DVD±R Double Layer, DVD±R/RW, DVD-RAM, and of course all your CD standards, and at the current fastest possible writing speeds.

Ideal for storing important personal and business data, from home movies, music, photographs to backups of important files, applications, presentations and reports. Each burner kit comes complete with a drive, software and instruction manuals to get you started on your digital masterpieces.

- Create, preserved, protect your important data and precious moments
- Store up to 8.5GB on a DVD DL disc and/or 4.7GB on a DVD media
- Superb performance, reliable and speedy

- Compatible with major DVD and CD formats
- Easy to use software
- 1-year warranty

SPECIAL Features

- **SMART-BURN™**: Avoid Buffer Under Run Error. Automatically adjust writing strategy and running OPC to provide the best burning quality
- **SMART-X™**: Adjust CD-DA/VCD/DVD data extraction to a fastest allowable speed according to both data request rate from host and disk quality
- **VAS** (Vibration Absorber System): Reduce vibration and noise during recording and reading

16x+R   **8x+RW**   **8x+R DL**   **5x-RAM**

16x-R   **6x-RW**   **4x-R DL**

50+YEARS
OF STORAGE INNOVATION »

imation

Singapore
(South Asia Headquarter)
Tel: (65) 6383 7676
Fax: (65) 6383 7600 / 1
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Technical Email: sghelp@imation.com
CRN No.: 199603239Z

Malaysia
Tel: (60 3) 7803 7576
Fax: (60 3) 7803 5352

Philippines
Telefax: (63 2) 687 2469 / 2521 / 2539

Thailand
Tel: (66 2) 576 0067-9 / 576 0064
Fax: (66 2) 576 0065

India Bangalore
Mobile: (91) 99 8016 2421
Telefax: (91 80) 2341 0761

India Calcutta
Mobile: (91) 98 3123 2885
Telefax: (91 33) 2511 6025

India Chennai
Mobile: (91) 98 4073 8285
Telefax: (91 44) 5577 0170

India Mumbai
Mobile: (91) 98 2103 2582 / 2005 7671
Fax: (91 22) 2837 8258

India New Delhi
Tel: (91 11) 5151 9880-1 / 5151 9883
Fax: (91 11) 5151 9884

Indonesia
Tel: (62 21) 5366 6028
Fax: (62 21) 5366 6030

Pakistan
Mobile: (92) 300 822 2848
Tel: (92 21) 584 0176
Fax: (92 21) 584 0177

Product Specifications*

- Model: IMW16DL84RAMI (Internal)
  IMW16DL84RAME (External)

- Interface: E-IDE Interface

- Access Time (1/3 Stroke): 160msec (Typical)

- DVD Mode Transfer Rate
  Write: DVD+R 16x (22.0MB/sec max)
  DVD+R DL 8x (11.0MB/sec max)
  DVD-R 16x (22.0MB/sec max)
  DVD-R DL 4x (5.5MB/sec max)
  DVD-RAM 5x (6.9MB/sec max)
  Rewrite: DVD+RW 8x (11.0MB/sec max)
  DVD-RW 6x (8.3MB/sec max)
  Read: DVD+R/-R 16x (22.0MB/sec max)
  DVD+R/-R DL 8x (11.0MB/sec max)
  DVD+RW/-RW 12x (16.6MB/sec max)
  DVD-ROM 16x (22.0MB/sec max, Single-Layer)
  8x (11.0MB/sec max, Double-Layer)
  DVD-RAM 5x (6.9MB/sec max)

- CD-RW Mode Transfer Rate
  Write: 48x (7.0MB/sec max)
  Rewrite: 24x (3.5MB/sec max)
  Read: 48x (7.0MB/sec max)

- Applicable Media Types (8cm/12cm Diameter)
  – CD-ROM, CDI-Ready, Video-CD, Karaoke-CD,
    Photo-CD, Enhance CD, CD-Extra, CD-R and CD-RW
  – DVD-RAM, DVD-ROM (4.7GB) Single Layer on Single/
    Double-Side and DVD-ROM Dual-Layer (PTP, OTP,
    8.5GB) on Single/Double-Side
  – DVD+R DL, DVD+RW and DVD+R
  – DVD-R DL, DVD-RW and DVD-R

- Buffer Size: 2MB

- Disc Load/Eject: Power-Assisted Eject Button, Software,
  Pin-Hole Eject

- Dimensions (width, depth, height):
  148 x 170 x 42mm +/-0.5mm (Internal)
  165 x 235 x 58mm +/-0.5mm (External)

- Weight: ~0.9kg (Internal), ~1.3kg (External)

- Mounting: Horizontal within +/- 10° tilt

- **VAS:** Anti-vibration Reduction System reduces
  Read/Write error high speed

- **SMART-X™:** Smart Monitoring and Adapting Recording
  Technology for CD-DA/VCD/DVD conversion

- **SMART-BURN™:** Smart Monitoring and Adapting
  Recording Technology for buffer under-run protection
  against error during recording

System Requirements*

- Pentium-4 1.3GHz, AMD Athlon 1.2GHz or Higher PC
  (under-performed PC may compromised functions)
- Windows® 98SE/ME/2000/XP (with latest updates)
- Memory: 256MB RAM or higher
- Hard Drive: 650MB available for s/w; 5GB free or higher
  HDD space for creating single-sided DVD image file.
  9GB for creating single-sided, double/dual-layer 8.5GB
  DVD image file
- **Recommendation:** Use Imation or certified CD/DVD
  media to ensure recording quality

What's Inside *(Internal DVD-RAM Burner)*

- Internal DVD-RAM Burner
- 40-pins IDE cable
- Nero CD
- Operating Manual (Nero Software Guide is found in
  the Nero CD)

What's Inside *(External DVD-RAM Burner)*

- External DVD-RAM Burner
- USB2.0 cable
- Power Adapter
- USB Device Driver Diskette (for Win 98SE)
- Nero CD
- PowerDVD CD
- Quick Setup Guide
- Operating Manual (Nero Software Guide is found in
  the Nero CD)

Create DVD-based or CD-based presentations, plus quickly back up and retrieve system files in minutes.
at work

Store and download large internet files and free up valuable hard drive space on your computer.
at home

Easily burn your own custom music CDs, record home videos to durable CD-R discs, or use CD-RW discs to create personal photo CD albums. Plays pre-recorded DVD discs, including movies and other DVDs.
at play

data cd   music cd   video cd   cd copy   dvd video

* For both internal & external DVD-RAM burners, unless otherwise stated.

DVD MULTI RECORDER   DVD R   RW DVD+R DL   DVD R/RW   RW DVD+ReWritable   COMPACT disc+ ReWritable Ultra Speed   SMART-X SMART-BURN   VAS Vibration Reduction System